

**NATIONAL WEATHER SERVICE PACIFIC REGION SUPPLEMENT 04-2003
APPLICABLE TO NWSI 10-922
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**Operations and Services
Hydrologic Services Program, NWSPD 10-9
Weather Forecast Office Hydrologic Products Specification, NWSI 10-922
PACIFIC REGION WEATHER FORECAST OFFICE HYDROLOGIC PRODUCTS**

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SUMMARY OF REVISIONS:. This supplement supersedes Pacific Region Supplement 04-2003, “Pacific Region Weather Forecast Office Hydrologic Products”, dated March 14, 2003, filed with NWSI 10-922.

The following changes were made in this issuance:

1. Removed the requirement for latitude/longitude polygon coordinates in flash flood warning products issued by Pacific Region Weather Service Offices (WSO) due to the lack of AWIPS Warngen software.
2. Added the use of county universal geographic codes (UGC) for flash flood warnings (FFW), flash flood statements (FFS), and flood statements (FLS) issued by weather forecast office (WFO) Honolulu.

Signed By 2/23/04
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Director, Pacific Region

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1. Introduction. Establishes guidelines for Pacific Region Offices in generation of the hydrologic products for which the weather forecast office (WFO) is responsible, including a discussion of the factors to be considered when selecting which product to issue.

2. Hydrologic Outlook (ESF). Hydrologic outlooks provide information on hydrometeorological conditions that could cause flooding or impact water supply. Outlooks for possible flooding will be issued with a Flood Potential Outlook headline. Drought outlooks may

be produced as needed by both WFOs and weather service offices (WSOs) for the expected dry intervals associated with El Nino years. Flood potential outlooks shall indicate an expiration or update time, or indicate that it is the last issuance for a given event. Data collection offices (DCO) will not issue hydrologic outlooks.

3. Flood Watch (FFA). Flood watches can be issued by WFOs and WSOs. Authority for flood watch issuances by Micronesian WSOs is based on local policy agreed upon by WFO Guam and the affected WSO. DCOs will not issue flood watches. In the Pacific Region, these will only be issued for flash flooding. A Flash Flood Watch headline will be used during issuances of the flood watch product. A flash flood watch will indicate an expiration or update time.

4. Flash Flood Warning (FFW). WFOs and WSOs may issue flash flood warnings. Authority for flash flood warning issuances by Micronesian WSOs is based on local policy agreed upon by WFO Guam and the affected WSO. DCOs will not issue flash flood warnings. Pacific Region WSOs are not required to include latitude/longitude polygon coordinates due to the unavailability of WarnGen or similar capability software at these offices. Flash flood warnings issued by WFO Honolulu will begin using county universal geographic codes (UGC) no later than June 1, 2004.

5. Flash Flood Statement (FFS). A flash flood statement may be issued by WFOs or WSOs. Authority for flash flood statement issuances by Micronesian WSOs is delegated by local policy agreed upon by WFO Guam and the affected WSO. DCOs will not issue flash flood statements. The WFO will not cancel a warning initially issued by the WSO without coordination. Flash flood statements issued by WFO Honolulu will begin using county UGCs no later than June 1, 2004.

6. Flood Warning (FLW). Flood warnings are not used in the Pacific Region.

7. Flood Statements (FLS). A flood statement may be issued to provide information on elevated river or stream flows or ponding of water in populated areas when these events warrant public notification but are not threatening enough to warrant a warning. Statements issued for these conditions will be issued with an Urban and Small Stream Flood Advisory or Flood Advisory headline. A flood statement may be issued by WFOs or WSOs. Authority for flood statement issuances by Micronesian WSOs is delegated by local policy agreed upon by WFO Guam and the affected WSO. Flood statements will not be issued by DCOs. Statements for Urban and Small Stream Flood Advisories or Flood Advisories will indicate an expiration or update time, or indicate that it is the final issuance for a given event. Flood statements issued by WFO Honolulu will begin using county UGCs no later than June 1, 2004.

8. Hydrologic Statements (RVS). This product is used to provide hydrologic forecasts and related information to local users. A river recreational forecast is an example of this product. At this time, this product will not be used in Pacific Region..

9. Hydrologic Summary (RVA). This product is used to provide hydrologic observations and other information to the local users. This is normally associated with daily stage or discharge observations. At this time, this product will not be used in Pacific Region.

10. Daily River and Lake Summary (RVD). This product is used to provide hydrologic observations and other information to both local and National users. At this time, this product will not be used in Pacific Region .
11. Hydrologic Data Report 1 (RR1). This product should be used by the WFO, WSO, or DCO for collection and distribution of local observations, including local precipitation networks.
12. Hydrologic Data Report 3 (RR3). This product should be used by the WFO for collection and distribution of observations by cooperative observers. This would include ROSA collections. It may be used by WSOs.
13. Hydrologic Data Report 5 (RR5). This product should be used by the WFO to report hourly hydrometeorological data such as that collected from automated gages such as Handars and LARCs.
14. Hydrologic Data Report 6 (RR6). This product should be used by the WFO, WSO, or DCO when ASOS precipitation rates on an ASOS report exceed a threshold..
15. Hydrologic Data Report 7 (RR7). This product should be used by the WFO, WSO, or DCO for hourly ASOS precipitation reports.
16. Hydrologic Data Report 8 (RR8). This product should be used by the WFO for hydrometeorological data provided by water resource agencies.
17. Assigned Hydrologic Product AWIPS IDs and WMO Headers.

Product Name	AWIPS ID	WMO Header	Primary Issuing Office
Hydrologic Outlook	ESFHI	FGHW70 PHFO	WFO Honolulu
	ESFMY	FGMY70 PGUM	WFO Guam
	ESFPPG	FGZS70 NSTU	WSO Pago Pago
	ESFKMR	FGMH70 PKMR	WSO Majuro
	ESFT11	FGKA70 PTYA	WSO Yap
	ESFTKK	FGKA70 PTKK	WSO Chuuk
	ESFTKR	FGKA70 PTKR	WSO Koror
	ESFTTP	FGKA70 PTPP	WSO Pohnpei
Flood Watch	FFAHI	WGHW60 PHFO	WFO Honolulu
	FFAMY	WGMY60 PGUM	WFO Guam
	FFAPPG	WGZS60 NSTU	WSO Pago Pago

	FFAKMR	WGMH60 PKMR	WSO Majuro
	FFAT11	WGKA60 PTYA	WSO Yap
	FFATKK	WGKA60 PTKK	WSO Chuuk
	FFATKR	WGKA60 PTKR	WSO Koror
	FFATTP	WGKA60 PTPP	WSO Pohnpei
Flash Flood Warning	FFWHI	WGHW50 PHFO	WFO Honolulu
	FFWMY	WGMY50 PGUM	WFO Guam
	FFWPPG	WGZS50 NSTU	WSO Pago Pago
	FFWKMR	WGMH50 PKMR	WSO Majuro
	FFWT11	WGKA50 PTYA	WSO Yap
	FFWTKK	WGKA50 PTKK	WSO Chuuk
	FFWTKR	WGKA50 PTKR	WSO Koror
	FFWTTP	WGKA50 PTPP	WSO Pohnpei
Flood Statement	FLSHI	WGHW80 PHFO	WFO Honolulu
	FLSMY	WGMY80 PGUM	WFO Guam
	FLSPPG	WGZS80 NSTU	WSO Pago Pago
	FLSKMR	WGMH80 PKMR	WSO Majuro
	FLST11	WGKA80 PTYA	WSO Yap
	FLSTKK	WGKA80 PTKK	WSO Chuuk
	FLSTKR	WGKA80 PTKR	WSO Koror
	FLSTTP	WGKA80 PTPP	WSO Pohnpei
Flash Flood Statement	FFSHI	WGHW70 PHFO	WFO Honolulu
	FFSMY	WGMY70 PGUM	WFO Guam
	FFSPPG	WGZS70 NSTU	WSO Pago Pago
	FFSKMR	WGMH70 PKMR	WSO Majuro
	FFST11	WGKA70 PTYA	WSO Yap
	FFSTKK	WGKA70 PTKK	WSO Chuuk

	FFSTKR	WGKA70 PTKR	WSO Koror
	FFSTTP	WGKA70 PTPP	WSO Pohnpei
Hydrologic Data Report 3	RR3HI	SRHW50 PHFO	WFO Honolulu
Misc. Hydrologic Data Report	RRMHI	SRHW40 PHFO	WFO Honolulu
Automated Data Report	RRAHI	SRHW80 PHFO	WFO Honolulu

Additional headers and IDs for new products will be assigned as needed.